

IN THE SPECIFICATION:

Please delete the paragraph starting on page 1, line 4 and replace it with the following rewritten paragraph:

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This application is a continuation of U.S. Application Serial No. 09/839,816, filed on April 20, 2001, which is a continuation of U.S. Application Serial No. 09/335,302, filed on June 17, 1999, issued as U.S. Patent No. 6,220,972, which is a continuation-in-part of U.S. Application Serial No. 08/743,579 filed November 4, 1996, which is a continuation-in-part of U.S. Application Serial No. 08/240,259 filed May 10, 1994, which in turn is a continuation-in-part of U.S. Application Serial No. 08/054,406, filed April 28, 1993, which issued as U.S. Patent No. 5,368,304.

IN THE CLAIMS:

Please amend claims 32, 35, 37, 43, 47, 52, 55 to 61, 63 to 89 and 91 to 123 as follows:

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32. (AMENDED) The golf ball according to claim 28, wherein at least one layer of said multi-layer core comprises from about 1 to about 25 parts by weight of a metallic salt of a fatty acid based on about 100 parts by weight of an elastomer.

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35. (AMENDED) The golf ball according to claim 34, wherein said multi-layer core has a diameter of from 1.0625 to 1.42 inches.

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37. (AMENDED) The golf ball according to claim 36, wherein said multi-layer core has a weight of from about 16.5 grams to about 30 grams.

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43. (AMENDED) The golf ball according to claim 42, wherein said peroxide is at least one member selected from the group consisting of dicumyl peroxide, n-butyl 4,4'-bis (butylperoxy) valerate, 1,1-bis(t-butylperoxy)-3,3,5-trimethyl cyclohexane, di-t-butyl peroxide and 2,5-di-(t-butylperoxy)-2,5 dimethyl hexane.

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47. (AMENDED) The golf ball according to claim 46, wherein said filler is a particulate material having a mesh size of less than about 30 U.S. standard size.

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52. (AMENDED) The golf ball according to claim 51, wherein the difference between the Shore D hardness of said inner cover layer and the Shore D hardness of said outer cover layer is no more than 5.

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55. (AMENDED) The golf ball according to claim 54, wherein said thread rubber comprises at least one member selected from the group consisting of natural rubber and polyisoprene rubber.

56. (AMENDED) The golf ball according to claim 54, wherein said thread rubber has a specific gravity of from about 0.9 to about 1.1.

57. (AMENDED) The golf ball according to claim 54, wherein said thread rubber has a width of from about 0.047 inches to about 0.094 inches.

58. (AMENDED) The golf ball according to claim 54, wherein said thread rubber has a gage of from about 0.012 to about 0.026.

59. (AMENDED) The golf ball according to claim 54, wherein the diameter of said multi-layer core and said thread rubber is from about 1.52 inches to about 1.63 inches.

60. (AMENDED) The golf ball according to claim 54, wherein the weight of said multi-layer core and said thread rubber is from about 33 grams to about 44 grams.

61. (AMENDE) The golf ball according to claim 60, wherein the weight of said multi-layer core and said thread rubber is from 35 grams to 39 grams.

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63. (AMENDED) The golf ball according to claim 62, wherein said polybutadiene comprises a molecular weight of from about 50,000 to about 500,000.

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64. (AMENDED) The golf ball according to claim 63, wherein said polybutadiene comprises a molecular weight of from about 100,000 to about 500,000.

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65. (AMENDED) The golf ball according to claim 62, wherein at least one layer of said multi-layer core comprises from about 1 to about 25 parts by weight a metallic salt of a fatty acid based on about 100 parts by weight of an elastomer.

66. (AMENDED) The golf ball according to claim 62, wherein at least one layer of said multi-layer core comprises from about 0.5 to about 10 parts by weight of a free radical initiator.

67. (AMENDED) The golf ball according to claim 62, wherein said multi-layer core has a diameter of from about 1 to about 1.5 inches.

68. (AMENDED) The golf ball according to claim 67, wherein said multi-layer core has a diameter of from 1.0625 to 1.42 inches.

69. (AMENDED) The golf ball according to claim 62, wherein said multi-layer core has a weight of from about 15 grams to about 36 grams.

70. (AMENDED) The golf ball according to claim 69, wherein said multi-layer core has a weight of from 16.5 grams to 30 grams.

71. (AMENDED) The golf ball according to claim 62, wherein at least one layer of said multi-layer core comprises a metallocene catalyzed polyolefin.

72. (AMENDED) The golf ball according to claim 62, wherein at least one layer of said multi-layer core comprises polybutadiene and an unsaturated carboxylic acid co-crosslinking agent crosslinked to said polybutadiene.

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73. (AMENDED) The golf ball according to claim 62, wherein at least one layer of said multi-layer golf ball is sulfur-cured.

74. (AMENDED) The golf ball according to claim 62, wherein at least one layer of said multi-layer golf ball is peroxide-cured.

75. (AMENDED) The golf ball according to claim 74, wherein said peroxide is at least one member selected from the group consisting of dicumyl peroxide, n-butyl 4,4'-bis (butylperoxy) valerate, 1,1-bis(t-butylperoxy)-3,3,5-trimethyl cyclohexane, di-t-butyl peroxide and 2,5-di-(t-butylperoxy)-2,5 dimethyl hexane.

76. (AMENDED) The golf ball according to claim 62, wherein said multi-layer core exhibits a PGA compression of less than 85.

77. (AMENDED) The golf ball according to claim 62, wherein at least one of said inner core layer and outer core layer comprises a polypropylene powder resin.

78. (AMENDED) The golf ball according to claim 62, wherein at least one of said inner core layer and said outer core layer comprises a filler.

79. (AMENDED) The golf ball according to claim 78, wherein said filler is a particulate material having a mesh size of less than about 30 U.S. standard size.

80. (AMENDED) The golf ball according to claim 79, wherein said filler is a particulate material having a mesh size of less than about 100 U.S. standard size.

81. (AMENDED) The golf ball according to claim 62, wherein said multi-layer core further comprises an intermediate core layer disposed between said inner core layer and said outer core layer.

82. (AMENDED) The golf ball according to claim 62, wherein said golf ball further comprises a thread rubber wound about the outer surface of said multi-layer core.

83. (AMENDED) The golf ball according to claim 82, wherein said thread rubber comprises at least one member selected from the group consisting of natural rubber and polyisoprene rubber.

84. (AMENDED) The golf ball according to claim 82, wherein said thread rubber has a specific gravity of from about 0.9 to about 1.1.

85. (AMENDED) The golf ball according to claim 82, wherein said thread rubber has a width of from about 0.047 inches to about 0.094 inches.

86. (AMENDED) The golf ball according to claim 82, wherein said thread rubber has a gage of from about 0.012 to about 0.026.

87. (AMENDED) The golf ball according to claim 82, wherein the diameter of said multi-layer core and said thread rubber is from about 1.52 inches to about 1.63 inches.

88. (AMENDED) The golf ball according to claim 82, wherein the weight of said multi-layer core and said thread rubber is from about 33 grams to about 44 grams.

89. (AMENDED) The golf ball according to claim 82, wherein the weight of said multi-layer core and said thread rubber is from 35 grams to 39 grams.

91. (AMENDED) The golf ball according to claim 90, wherein at least one layer of said multi-layer core comprises at least one member selected from the group consisting of natural rubber and polybutadiene.

92. (AMENDED) The golf ball according to claim 90, wherein said polybutadiene comprises a molecular weight of from about 50,000 to about 500,000.

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93. (AMENDED) The golf ball according to claim 92, wherein said polybutadiene comprises a molecular weight of from about 100,000 to about 500,000.

94. (AMENDED) The golf ball according to claim 90, wherein at least one layer of said multi-layer core comprises from about 1 to about 25 parts by weight a metallic salt of a fatty acid based on about 100 parts by weight of an elastomer.

95. (AMENDED) The golf ball according to claim 90, wherein at least one layer of said multi-layer core comprises from about 0.5 to about 10 parts by weight of a free radical initiator.

96. (AMENDED) The golf ball according to claim 90, wherein said multi-layer core has a diameter of from about 1 to about 1.5 inches.

97. (AMENDED) The golf ball according to claim 96, wherein said multi-layer core has a diameter of from about 1.0625 to about 1.42 inches.

98. (AMENDED) The golf ball according to claim 90, wherein said multi-layer core has a weight of from about 15 grams to about 36 grams.

99. (AMENDED) The golf ball according to claim 98, wherein said multi-layer core has a weight of from 16.5 grams to 30 grams.

100. (AMENDED) The golf ball according to claim 90, wherein at least one layer of said multi-layer core comprises a metallocene catalyzed polyolefin.

101. (AMENDED) The golf ball according to claim 90, wherein at least one layer of said multi-layer core comprises a polybutadiene and an unsaturated carboxylic acid co-crosslinking agent crosslinked to said polybutadiene.

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102. (AMENDED) The golf ball according to claim 90, wherein at least one layer of said multi-layer core is sulfur-cured.

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103. (AMENDED) The golf ball according to claim 90, wherein at least one layer of said multi-layer core is peroxide-cured.

104. (AMENDED) The golf ball according to claim 103, wherein said peroxide is at least one member selected from the group consisting of dicumyl peroxide, n-butyl 4,4'-bis (butylperoxy) valerate, 1,1-bis(t-butylperoxy)-3,3,5-trimethyl cyclohexane, di-t-butyl peroxide and 2,5-di-(t-butylperoxy)-2,5 dimethyl hexane.

105. (AMENDED) The golf ball according to claim 90, wherein at least one of said inner core layer and said outer core layer comprises a polypropylene powder resin.

106. (AMENDED) The golf ball according to claim 90, wherein at least one of said inner core layer and outer core layer comprises a filler.

107. (AMENDED) The golf ball according to claim 106, wherein said filler is a particulate material having a mesh size of less than about 30 U.S. standard size.

108. (AMENDED) The golf ball according to claim 107, wherein said filler is a particulate material having a mesh size of less than about 100 U.S. standard size.

109. (AMENDED) The golf ball according to claim 90, wherein said multi-layer core has a PGA compression of about 85 or less.

110. (AMENDED) The golf ball according to claim 90, wherein the difference between the coefficient of restitution of said multi-layer core and the coefficient of restitution of said golf ball is at least about 0.025.

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111. (AMENDED) The golf ball according to claim 90, wherein the difference between the Shore D hardness of said first cover layer and the Shore D hardness of said second cover layer is no more than 5.

112. (AMENDED) The golf ball according to claim 90, wherein said multi-layer core further comprises an intermediate core layer disposed between said inner core layer and said outer core layer.

113. (AMENDED) The golf ball according to claim 90, wherein said first resin composition comprises a filler.

114. (AMENDED) The golf ball according to claim 113, wherein said filler is a particulate material having a mesh size of less than about 30 U.S. standard size.

115. (AMENDED) The golf ball according to claim 114, wherein said filler is a particulate material having a mesh size of less than about 100 U.S. standard size.

116. (AMENDED) The golf ball according to claim 90, wherein said golf ball further comprises a thread rubber wound about the outer surface of said multi-layer core.

117. (AMENDED) The golf ball according to claim 116, wherein said thread rubber is at least one member selected from the group consisting of natural rubber and polyisoprene rubber.

118. (AMENDED) The golf ball according to claim 116, wherein said thread rubber has a specific gravity of from about 0.9 to about 1.1.

119. (AMENDED) The golf ball according to claim 116, wherein said thread rubber has a width of from about 0.047 inches to about 0.094 inches.

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120. (AMENDED) The golf ball according to claim 116, wherein said thread rubber has a gage of from about 0.012 to about 0.026.

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121. (AMENDED) The golf ball according to claim 116, wherein the diameter of said multi-layer core and said thread rubber is from about 1.52 inches to about 1.63 inches.

122. (AMENDED) The golf ball according to claim 116, wherein the weight of said multi-layer core and said thread rubber is from about 33 grams to about 44 grams.

123. (AMENDED) The golf ball according to claim 116, wherein the weight of said multi-layer core and said thread rubber is from about 35 grams to about 39 grams.

REMARKS

Attached hereto is a marked-up version of the changes made to the application by this Preliminary Amendment.

The specification has been amended to update the priority claim by inserting the Application Serial Number that was unavailable. Claims 32, 35, 37, 43, 47, 52, 55 to 61, 63 to 89 and 91 to 123 have been amended to correct minor typographical errors in the dependency of the claims. Applicants respectfully submit that no new matter has been added.

Respectfully submitted,

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